CLAIMS

1. A method for data delivery comprising a first server computer connected to a first network, a second server computer connected to the first network, said first and second servers being interconnected via a second network, the method comprising:

synchronizing parameters of the first and second server computers;

receiving an asset request from a user via the first network;

processing the asset request by the first and second server computers;

determining the operational status of the first server computer, wherein

if a failure is not detected, transmitting the asset by the first server via the first network,

if a failure is detected, transmitting the asset by the second server via the first network.

2. The method of claim 1, wherein the steps of detecting a failure and transmitting the asset by the second server computer via the first network are performed within one interval.

3. The method of claim 2, wherein the interval is one video frame in duration.

4. The method of claim 1, wherein the second server computer initiates data synchronization.

5. The method of claim1, wherein the first server computer initiates data synchronization.

6. The method of claim1, wherein a synchronization component initiates data synchronization.

7. The method of claim 1, wherein the step of detecting a failure comprises monitoring a plurality of signals transmitted by the first server computer during one interval.

8. The method of claim 7, wherein the plurality of signals are transmitted at a frequency greater than 1 divided by the interval.

9. The method of claim 7, wherein the interval is one video frame in duration.

10. The method of claim 7, wherein a failure is determined to have occurred when a predefined number of signals are not received.

11. The method of claim 1, wherein the step of detecting a failure is performed by the second server computer

12. The method of claim 1, wherein the step of detecting a failure is performed by a component monitor.

13. The method of claim 1, wherein the step of detecting a failure is performed by the first server computer.

14. The method of claim 1, wherein the step of detecting a failure is performed by a kernel running on the first server computer.

15. The method of claim 14, wherein one or more applications critical to the operation of the first server computer register with the kernel.

16. The method of claim 14, wherein a failure is determined to have occurred when the kernel recognizes one or more critical application failures.

17. The method of claim 1, further comprising defining one or more failover states for a server computer.

18. The method of claim 17, wherein the failover states comprise a Primary state.

19. The method of claim 17, wherein the failover states comprise a Primary_offline state.

20. The method of claim 17, wherein the failover states comprise a Primary_no_secondary state.

21. The method of claim 17, wherein the failover states comprise a Failed state.

22. The method of claim 17, wherein the failover states comprise a Secondary state.

23. The method of claim 17, wherein the failover states comprise a Secondary_offline state.

24. The method of claim 17, wherein the failover states comprise a Secondary_synchronizing state.

25. The method of claim 17, wherein the failover states comprise a Secondary_synchronized state.

26. The method of claim 17, wherein the failover states comprise a Secondary_no_primary state.

27. A method for data delivery comprising a first server operating on a first computer, a second server operating on the first computer, said first and second servers connected to a first network, the method comprising:

synchronizing parameters of the first and second servers;

receiving an asset request from a user via the first network;

processing the asset request by the first and second server;

determining the operational status of the first server, wherein

if a failure is not detected, transmitting the asset by the first server via the first network,

if a failure is detected, transmitting the asset by the second server via the first network.